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Weichelt

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(54) **AUTOMATIC PROCESS AND MACHINE
FOR WEAVING ONE CONTINUOUS ROPE**

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87/12; 87/53

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(57) **ABSTRACT**

An automatic weaving process for the manufacture of rope
hammock beds in which a bobbin of rope passes through
loops of rope from the same bobbin resulting in a traditional
weave (FIG. 1) from one continuous rope. The process and
machine create a woven, open mesh pattern of rope or like
materials for forming articles, such as hammocks. The
means comprise a frame having a plural set of opposed
reciprocal rods, each having a pulley-shaped or like structure
mounted on their opposing ends. The frame also supports a
means for attaching one end of the rope, and a set of pulleys
to each side centrally, but laterally movable to the rods. The
sets of rods, each set comprising rods which are situated in
opposing and alternating relationship to the other set of rods,
alternately move in and rotate in sequence to capture a
portion of the rope strung across the center of the place of
rods, and form an undulating pattern of the rope, through
which the supply end of the rope is passed, or "shuttled",
back and forth, also in sequence.

1 Claim, 8 Drawing Sheets

